

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\  
 Data File : VX008254.D  
 Acq On : 20 Mar 2019 20:13  
 Operator : JC/SP  
 Sample : K1945-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 M4-T1-OZ(PRE)

Quant Time: Mar 22 07:32:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 13:15:13 2019  
 Response via : Initial Calibration

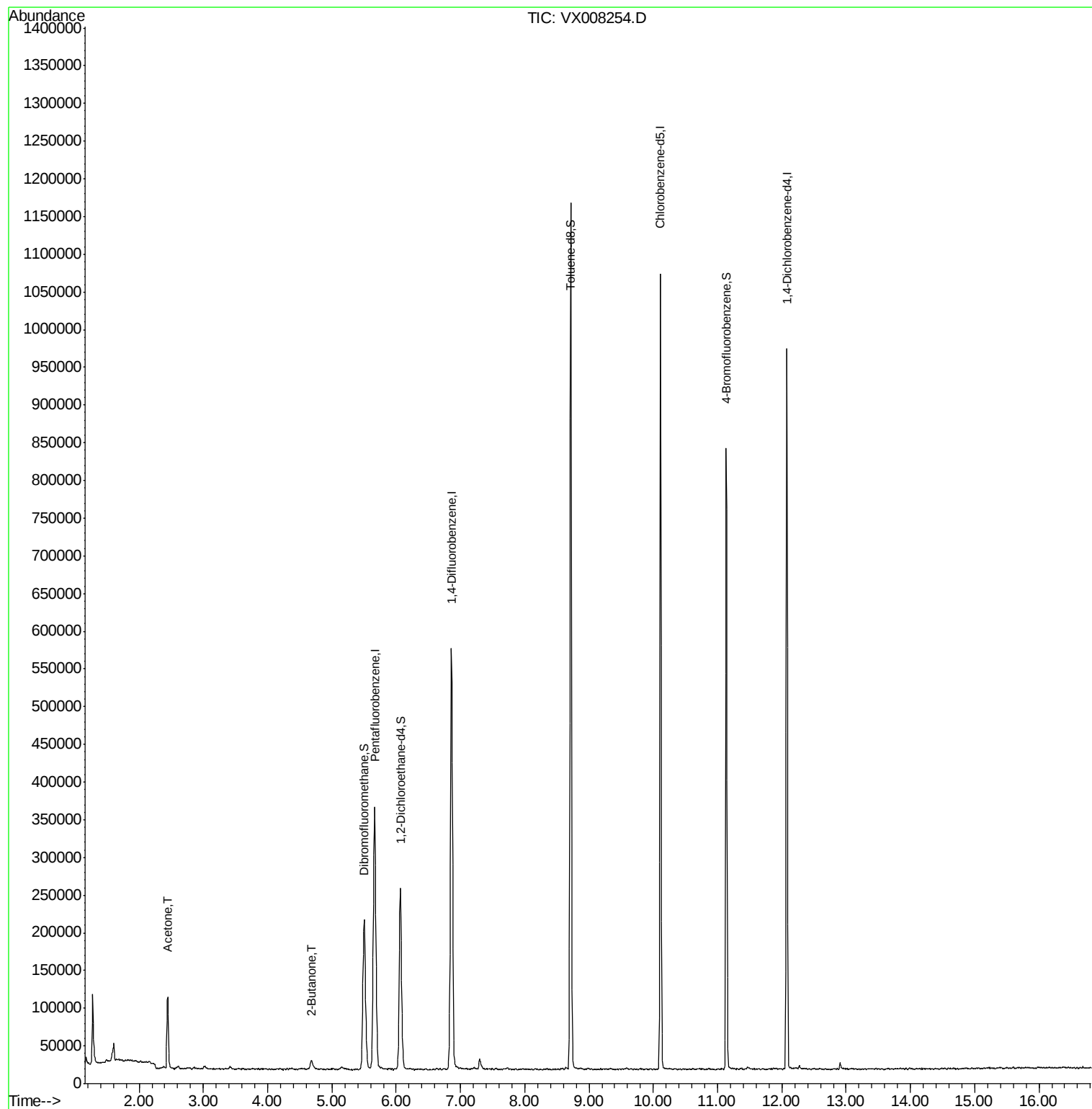
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 325355   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 537626   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 462420   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 187371   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 232273   | 47.40  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.80% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 170808   | 47.46  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.92% |          |
| 50) Toluene-d8              | 8.71  | 98   | 668319   | 48.98  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.96% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 215042   | 45.77  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.54% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 2.45  | 43   | 105452   | 37.944 | ug/l   | 97       |
| 25) 2-Butanone              | 4.68  | 43   | 18872    | 4.600  | ug/l   | 93       |

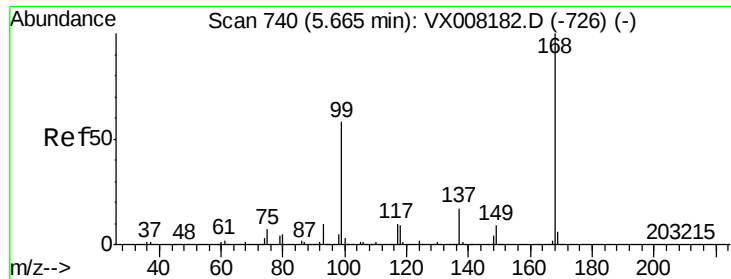
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

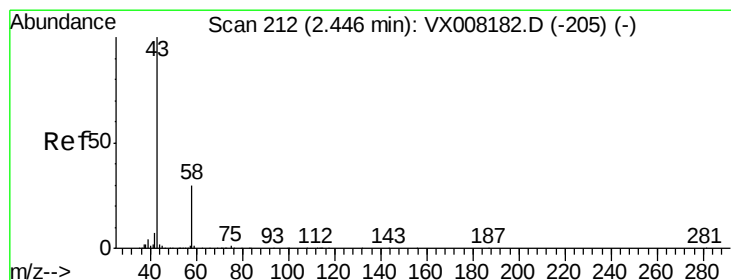
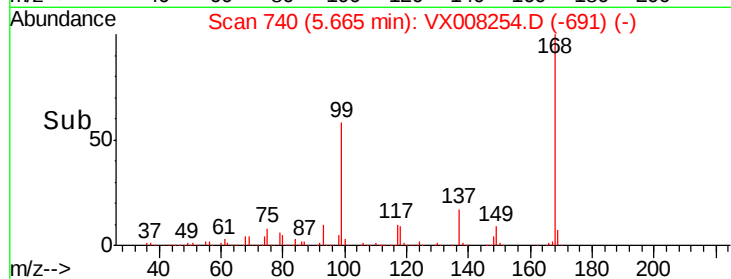
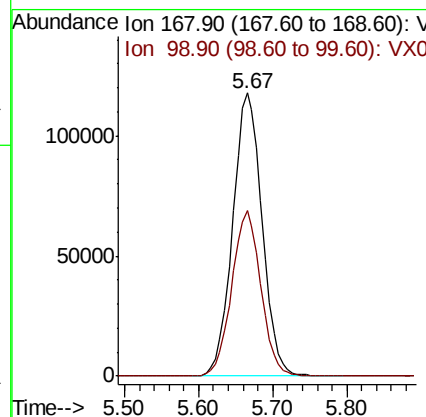
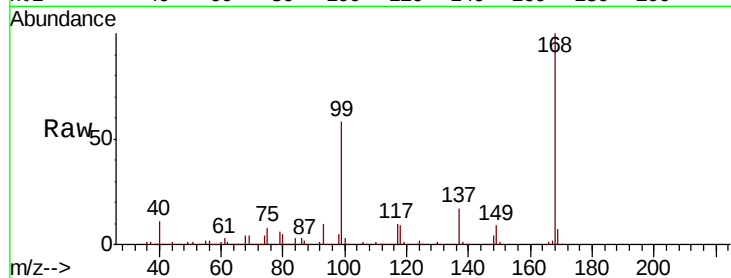




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: VX008254.D  
Acq: 20 Mar 2019 20:13

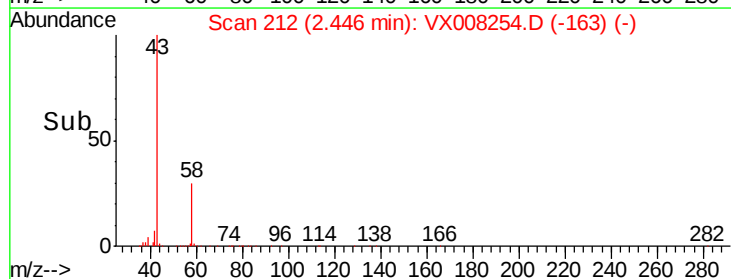
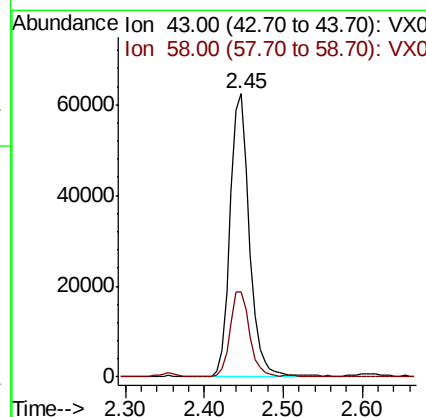
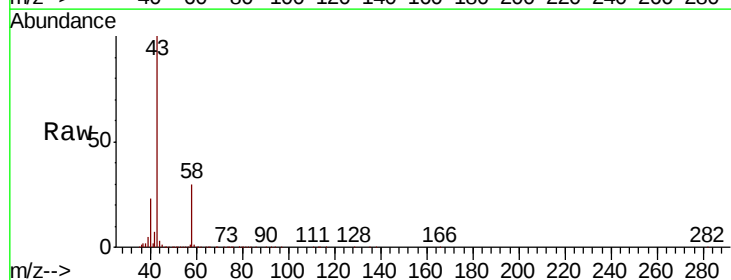
Instrument :  
MSVOA\_X  
ClientSampleId :  
M4-T1-OZ(PRE)

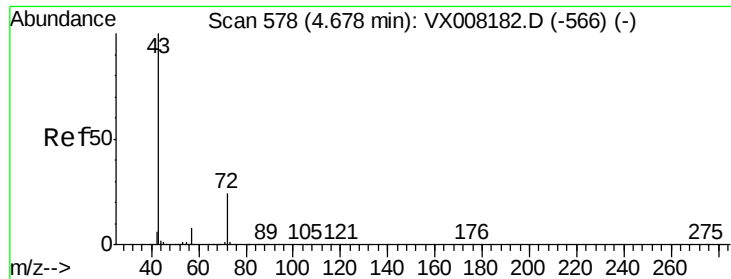
Tot Ion:168 Resp: 325355  
Ion Ratio Lower Upper  
168 100  
99 58.3 37.6 56.4#



#16  
Acetone  
Concen: 37.944 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX008254.D  
Acq: 20 Mar 2019 20:13

Tgt Ion: 43 Resp: 105452  
Ion Ratio Lower Upper  
43 100  
58 30.0 25.5 38.3





#25

2-Butanone

Concen: 4.600 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008254.D

Acq: 20 Mar 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

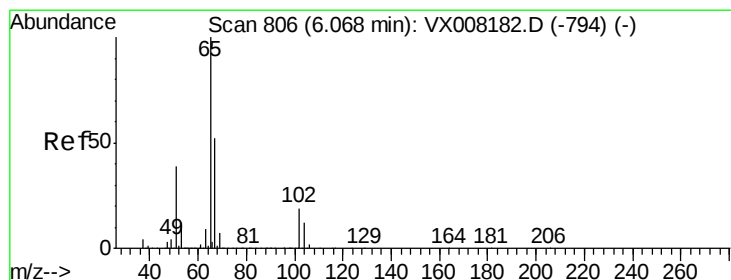
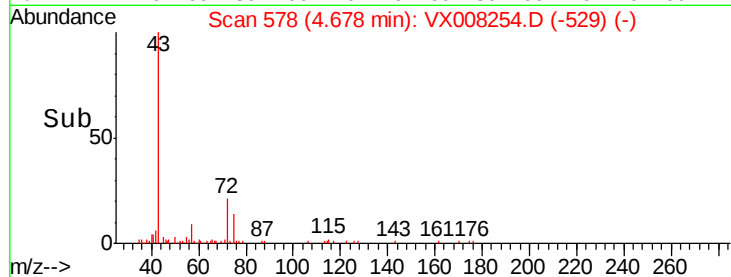
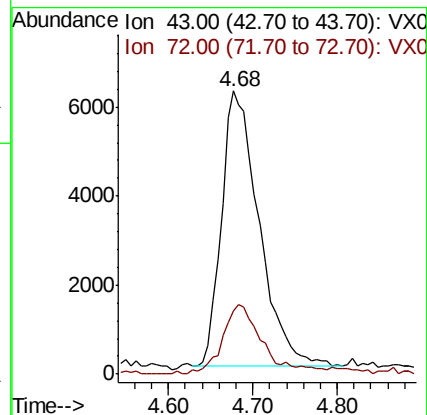
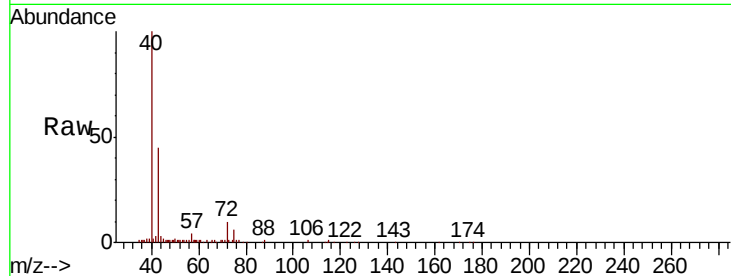
M4-T1-OZ(PRE)

Tot Ion: 43 Resp: 18872

Ion Ratio Lower Upper

43 100

72 21.3 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 47.401 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008254.D

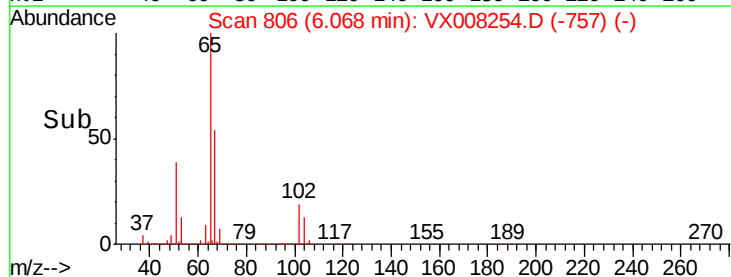
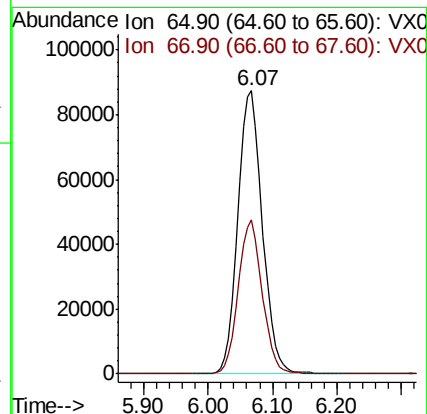
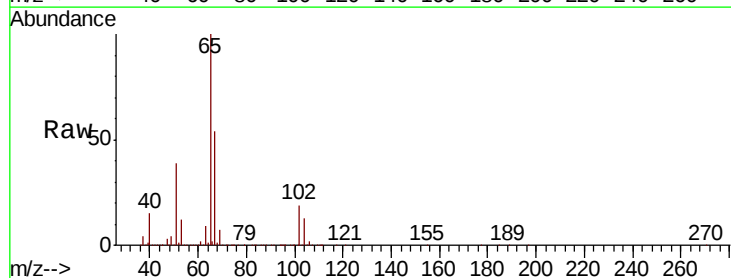
Acq: 20 Mar 2019 20:13

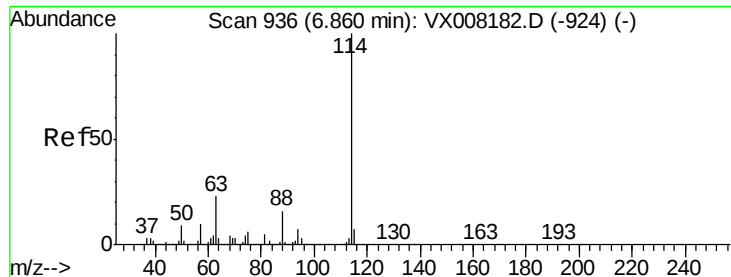
Tgt Ion: 65 Resp: 232273

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008254.D

Acq: 20 Mar 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

M4-T1-OZ(PRE)

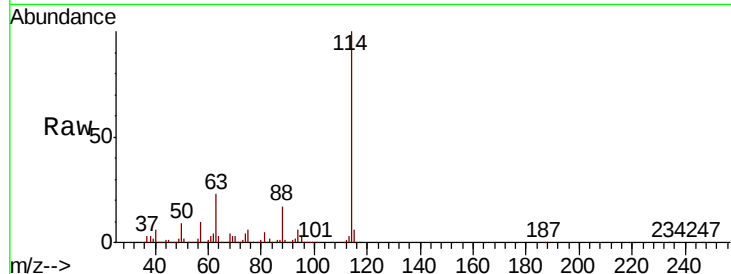
Tot Ion:114 Resp: 537626

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.8

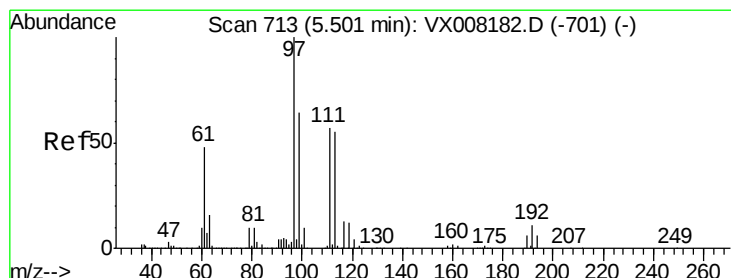
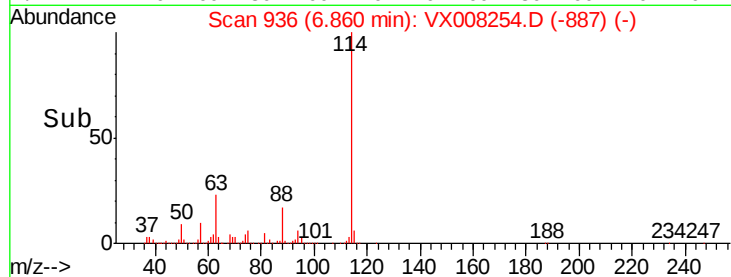
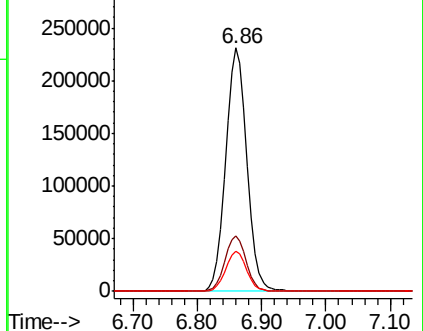
88 16.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.459 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008254.D

Acq: 20 Mar 2019 20:13

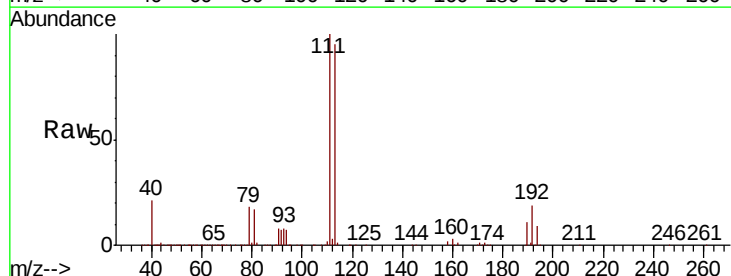
Tgt Ion:113 Resp: 170808

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

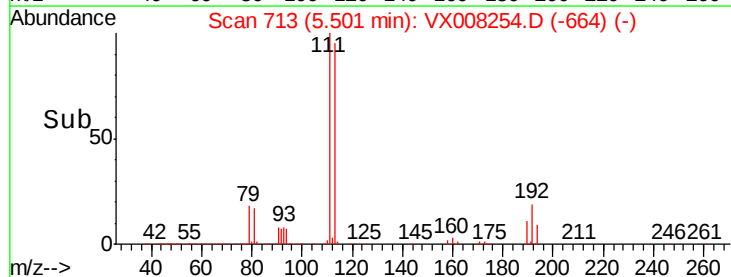
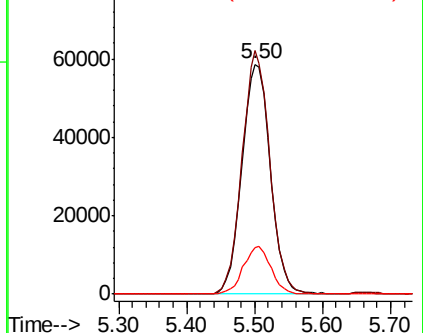
192 20.2 19.4 29.0

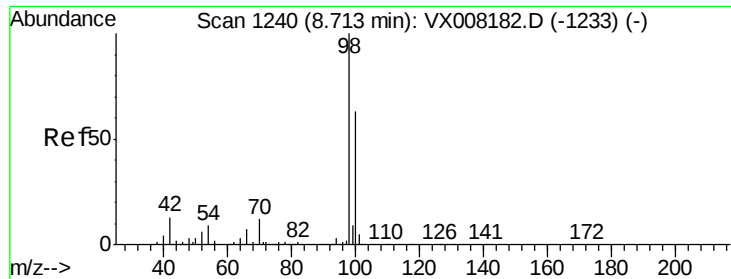


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

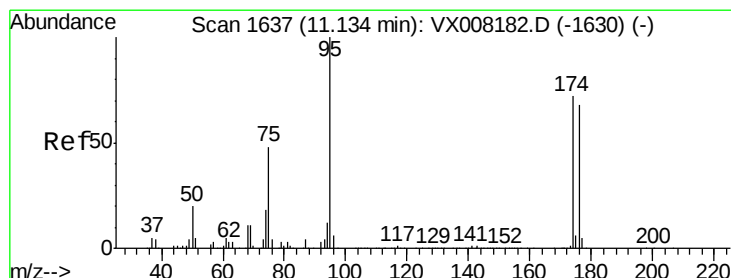
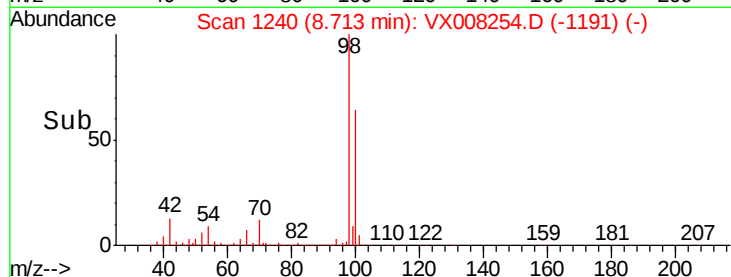
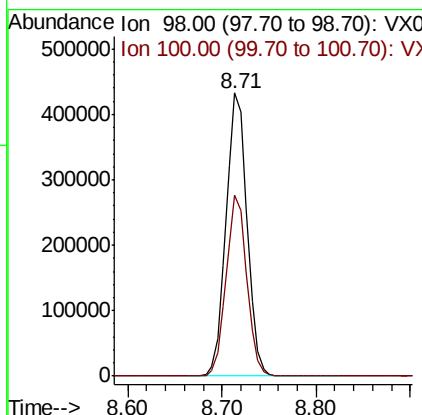
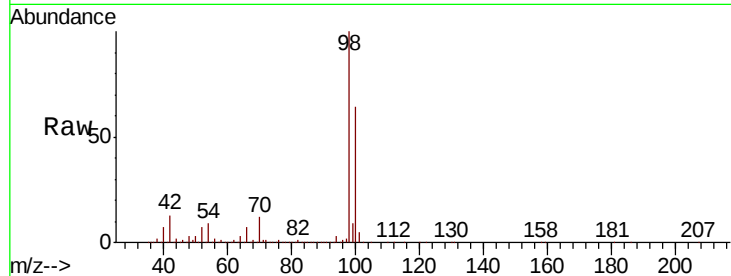




#50  
Toluene-d8  
Concen: 48.978 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX008254.D  
Acq: 20 Mar 2019 20:13

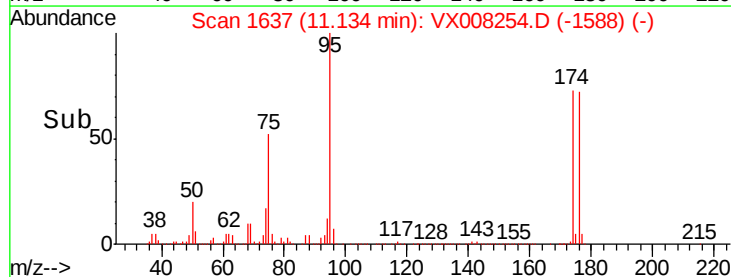
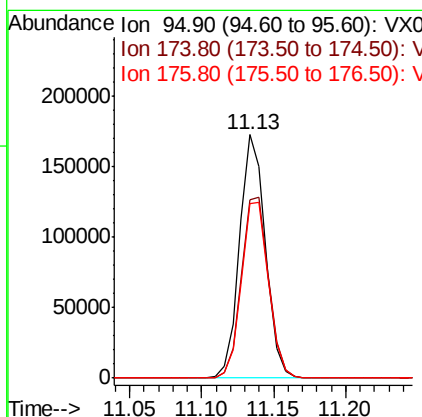
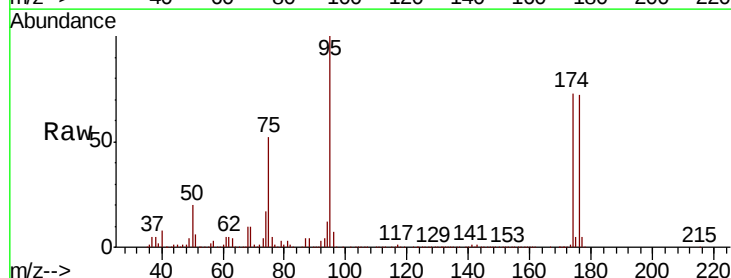
Instrument :  
MSVOA\_X  
ClientSampleId :  
M4-T1-OZ(PRE)

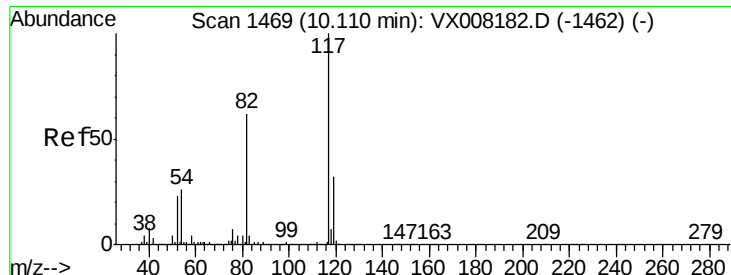
Tot Ion: 98 Resp: 668319  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 45.770 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX008254.D  
Acq: 20 Mar 2019 20:13

Tgt Ion: 95 Resp: 215042  
Ion Ratio Lower Upper  
95 100  
174 78.6 0.0 182.8  
176 75.9 0.0 178.0

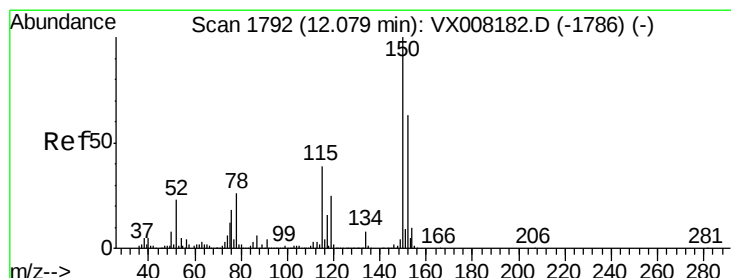
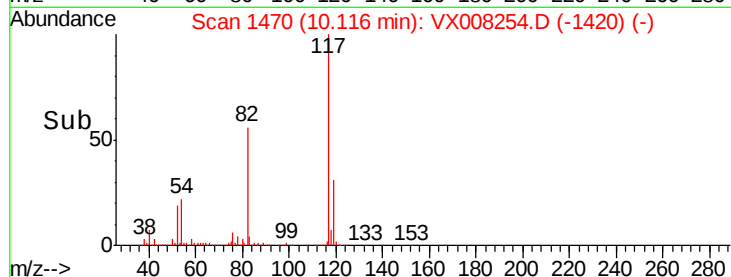
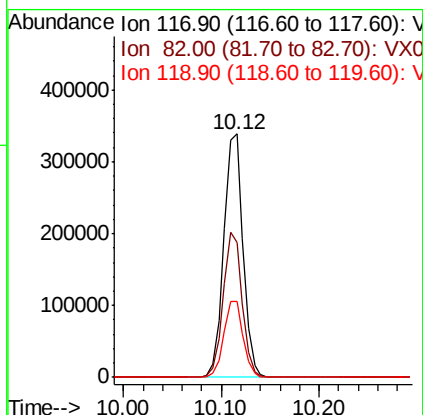
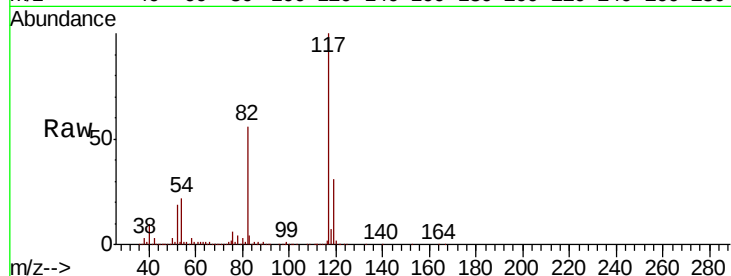




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX008254.D  
Acq: 20 Mar 2019 20:13

Instrument :  
MSVOA\_X  
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M4-T1-OZ(PRE)

Tot Ion:117 Resp: 462420  
Ion Ratio Lower Upper  
117 100  
82 55.5 44.3 66.5  
119 31.2 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX008254.D  
Acq: 20 Mar 2019 20:13

Tgt Ion:152 Resp: 187371  
Ion Ratio Lower Upper  
152 100  
115 59.8 38.6 115.7  
150 157.8 0.0 348.4

